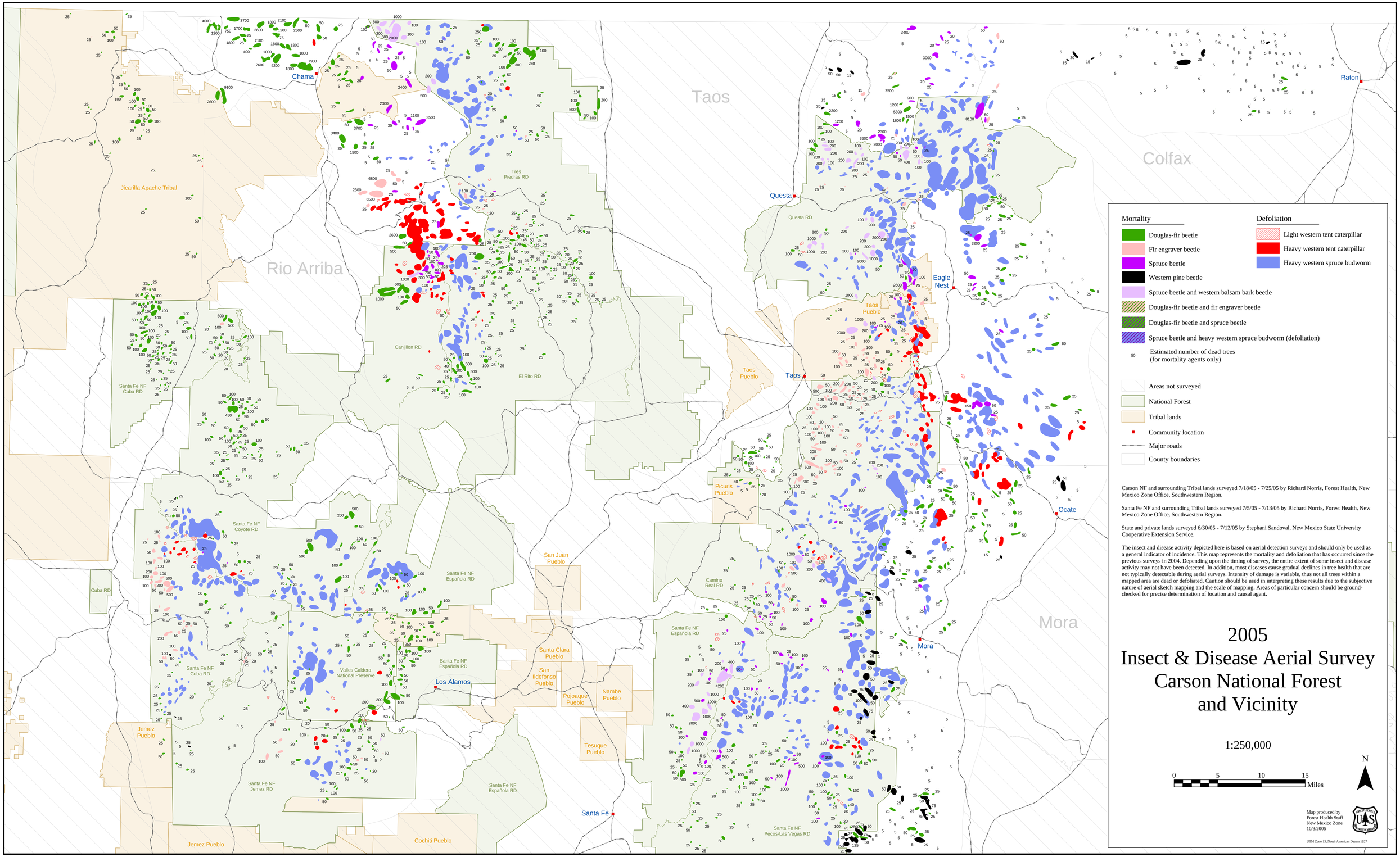

Mortality

- Douglas-fir beetle
- Fir engraver beetle
- Spruce beetle
- Western pine beetle
- Spruce beetle and western balsam bark beetle
- Douglas-fir beetle and fir engraver beetle
- Douglas-fir beetle and spruce beetle
- Spruce beetle and heavy western spruce budworm (defoliation)
- 50 Estimated number of dead trees (for mortality agents only)

Defoliation

- Light western tent caterpillar
- Heavy western tent caterpillar
- Heavy western spruce budworm

- Areas not surveyed
- National Forest
- Tribal lands
- Community location
- Major roads
- County boundaries

Carson NF and surrounding Tribal lands surveyed 7/18/05 - 7/25/05 by Richard Norris, Forest Health, New Mexico Zone Office, Southwestern Region.

Santa Fe NF and surrounding Tribal lands surveyed 7/5/05 - 7/13/05 by Richard Norris, Forest Health, New Mexico Zone Office, Southwestern Region.

State and private lands surveyed 6/30/05 - 7/12/05 by Stephani Sandoval, New Mexico State University Cooperative Extension Service.

The insect and disease activity depicted here is based on aerial detection surveys and should only be used as a general indicator of incidence. This map represents the mortality and defoliation that has occurred since the previous surveys in 2004. Depending upon the timing of survey, the entire extent of some insect and disease activity may not have been detected. In addition, most diseases cause gradual declines in tree health that are not typically detectable during aerial surveys. Intensity of damage is variable, thus not all trees within a mapped area are dead or defoliated. Caution should be used in interpreting these results due to the subjective nature of aerial sketch mapping and the scale of mapping. Areas of particular concern should be ground-checked for precise determination of location and causal agent.

2005
Insect & Disease Aerial Survey
Carson National Forest and Vicinity

1:250,000

0 5 10 15 Miles

N

Map produced by
Forest Health Staff
New Mexico Zone
10/3/2005

UTM Zone 13, North American Datum 1927